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Patent App. Ser. No. 10/562,083
The Eclipse Group Docket No. HI09037USU (P01040US)AMENDMENTSTO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. (currently amended) A method comprising:
receiving a first set of data by a first navigation device, the first set of data including first criteria for selecting a rendezvous position;
receiving a second set of data from a second navigation device by the first navigation device, the second set of data including data representing a current position of the second navigation device and second criteria for selecting a rendezvous position;
identifying a rendezvous position based on the first criteria and the second criteria, where the rendezvous position is used for establishing a first route for the first navigation device to the rendezvous position and for establishing a second route for the second navigation device to the rendezvous position;
notifying the first navigation device when the identified rendezvous position and the first route ~~violates~~ violate the first criteria; and
notifying the second navigation device when the identified rendezvous position and the second route ~~violates~~ violate the second criteria.

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2. (previously presented) The method of claim 1 further comprising:
calculating first positional data in the first navigational device on the basis of the first set of data and the second set of data so as to specify the first route; and
transmitting a third set of data from the first navigation device to the second navigation device, the third set of data representing at least a portion of the calculated first positional data.
3. (previously presented) The method of claim 1 further comprising
transmitting a request signal from the first navigation device to the second navigation device to initiate transmission of the second set of data.
4. (previously presented) The method of claim 3 further comprising
transmitting a confirmation signal by the second navigation device to acknowledge data communication with the first navigation device.
5. (previously presented) The method of claim 1 where the first criteria and the second criteria comprise a minimum travel distance, a minimum time, use/avoidance of certain roads/freeways/bridges/tunnels, or intermediate destinations.
6. (previously presented) The method of claim 2 further comprising
calculating second positional data in the second navigation device on the basis of the current position of the second navigation device and the third set of data.

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7. (previously presented) The method of claim 6 where the first positional data and the second positional data are calculated on the basis of an estimated average speed of the first navigation device and the second navigation device.

8. (previously presented) The method of claim 1 further comprising receiving an updated version of the second set of data and calculating the first positional data on the basis of the updated second set of data.

9.-11. (cancelled)

12. (previously presented) The method of claim 1 further comprising receiving further information regarding the identified rendezvous point based on prior identification of the identified rendezvous point, where the further information comprises a quality of the identified rendezvous point.

13. (currently amended) A navigation device comprising:
a first receiving section configured to receive and decode a first signal indicating a current position of the navigation device,
a second receiving section configured to receive and decode a confirmation signal for communication with an external device,
a request signal requesting communication with the external device and external positional data via a communications network, where the external positional data includes a second destination used by the external device for calculation of a route;

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a calculation unit configured to calculate, upon receipt of the confirmation signal by the second receiving section, a rendezvous position for the navigation device and the external device based on the current position of the navigation device and first signal and the external positional data ~~at the second destination~~, where the rendezvous position is provided to a user of the navigation device for approval; and

a transmission section configured to encode the rendezvous position in an output signal transmitted via the communications network to the external device when the rendezvous position is approved, where the rendezvous position is recalculated when the rendezvous position is not approved.

14. (previously presented) The navigation device of claim 13 where the second receiving section and the transmission section each comprise an interface for wireless communication with external devices according to a specified data communications standard.

15. (previously presented) The navigation device of claim 14 where the second receiving section and the transmission section each comprise an interface to a mobile phone.

16. (previously presented) The navigation device of claim 13 where the second receiving section and the transmission section comprise a high frequency demodulator and a high frequency modulator, respectively, so as to receive the confirmation signal and transmit the request signal, respectively.

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17. (currently amended) The navigation device of claim 13 where the calculation unit is configured to calculate the positional data on the basis of geographical data representing a road map.

18. (previously presented) The navigation device of claim 13 further comprising a user interface configured to report the receipt of the request signal to a user, and to initiate the transmission of the confirmation signal upon user request.

19. (cancelled)

20. (cancelled)

21. (cancelled)

22. (new) A method comprising:

receiving, from a first navigation device configured to receive and decode information to determine a current position of the first navigation device, a first set of positional data including the current position and a destination for a first user associated with the first navigation device;

receiving, from a second navigation device configured to receive and decode information to determine a current position of the second navigation device, a second set of positional data including a current position and a destination for a second user associated with the second navigation device;

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identifying a rendezvous location based at least in part upon the first positional data and the second positional data; and

communicating at least the rendezvous location to the first user via the first navigation device and to the second user via the second navigation device.

23. (new) The method of claim 22 wherein identifying the rendezvous location takes into account at least one criteria provided by the first user in addition to the first positional data and the second positional data.

24. (new) The method of claim 22 wherein a route to the rendezvous location is communicated to the second navigation device.